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**Form RE-2**

Name of Traveler: Jessica Pavel

Employing Office/Committee: Senator Mitt Romney

Private Sponsor(s) (list all): Massachusetts Institute of Technology and ClearPath, Inc.

Travel date(s): **April 24 - 26, 2019**

Destination(s): Cambridge, MA

I am Sen. Romney's policy lead on energy and environmental issues. Utah has a particular set of challenges with air quality and climate with its population concentration in the Salt Lake valley. Our priority is to discern the best way to spur state and local innovation without stifling the economy. The BEV and INL teams are particularly relevant to this discussion: BEV has done extensive work on this issue and in innovation that can help create a foundation for Republican leadership, and INL's nuclear work is increasingly relevant to our state with their operations in nuclear.

Name of accompanying family member (if any): N/A

**I certify that the information contained in this form is true, complete and correct to the best of my knowledge:**

4/3/19  
(Date)

  
(Signature of Employee)

TO BE COMPLETED BY SUPERVISING SENATOR/OFFICER (President of the Senate, Secretary of the Senate, Sergeant at Arms, Secretary for the Majority, Secretary for the Minority, and Chaplain):

I, Sen. Mitt Romney hereby authorize Jessica Pavel  
(Print Senator's/Officer's Name) (Print Traveler's Name)

an employee under my direct supervision, to accept payment or reimbursement for necessary transportation, lodging, and related expenses for travel to the event described above. I have determined that this travel is in connection with his or her duties as a Senate employee or an officeholder, and will not create the appearance that he or she is using public office for private gain.

I have also determined that the attendance of the employee's spouse or child is appropriate to assist in the representation of the Senate. (signify "yes" by checking box) ☐

4/3/19  
(Date)

ee's spouse or child is appropriate to assist in the representation

*Michael J. Romney*

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(Signature of Supervising Senator/Officer)



77 Massachusetts Avenue, Building 3-334  
Cambridge, Massachusetts 02139-4307  
Phone 617-253-3206  
Email [mtz@mit.edu](mailto:mtz@mit.edu)

**Ms. Jessica Pavel  
Legislative Assistant  
Office of Senator Mitt Romney  
SRB-33 Russell Senate Office Building  
Washington, DC 20510**

**Maria T. Zuber**

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# PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

This form must be completed by any private entity offering to provide travel or reimbursement for travel to Senate Members, officers, or employees (Senate Rule 35, clause 2). Each sponsor of a fact-finding trip must sign the completed form. The trip sponsor(s) must provide a copy of the completed form to each invited Senate traveler, who will then forward it to the Ethics Committee with any other required materials. The trip sponsor(s) should **NOT** submit the form directly to the Ethics Committee. Please consult the accompanying instructions for more detailed definitions and other key information.

The Senate Member, officer, or employee **MUST** also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

Massachusetts Institute of Technology and ClearPath, Inc.

1. Sponsor(s) of the trip (please list all sponsors): \_\_\_\_\_
2. Description of the trip: An intensive educational seminar at MIT presented by MIT faculty, joined by outside academic and industry experts.
3. Dates of travel: Wednesday April 24 - Friday April 26 2019
4. Place of travel: Cambridge, MA
5. Name and title of Senate invitees: See enclosed list
6. I *certify* that the trip fits one of the following categories:
- ☐ (A) The sponsor(s) are not registered lobbyists or agents of a foreign principal **and** do not retain or employ registered lobbyists or agents of a foreign principal **and** no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee *at any point* throughout the trip.
- OR -**
- ☒ (B) The sponsor or sponsors are not registered lobbyists or agents of a foreign principal, but retain or employ one or more registered lobbyists or agents of a foreign principal and the trip meets the requirements of Senate Rule 35.2(a)(2)(A)(i) or (ii) (*see question 9*).
7. ☒ I *certify* that the trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.
- AND -**
- ☒ I *certify* that the sponsor or sponsors will not accept funds or in-kind contributions earmarked directly or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal.
8. I *certify* that:
- ☒ The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or agent of a foreign principal except for *de minimis* lobbyist involvement.
- AND -**
- ☒ The traveler will not be accompanied on the trip by a registered lobbyist or agent of a foreign principal except as provided for by Committee regulations relating to lobbyist accompaniment (*see question 9*).

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☐ (A) The trip is for attendance or participation in a one-day event (exclusive of travel time and one overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *on any segment* of the trip.

- OR -

- OR -

☒ (C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3) of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *at any point* throughout the trip.

If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel:

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12. Briefly describe the role of each sponsor in organizing and conducting the trip:

The seminar is held on MIT's campus and utilizes its faculty, alumni experts, classrooms and laboratories.

MIT and ClearPath, Inc. have collaborated on the structure, organization and execution of the trip.

The Massachusetts Institute of Technology is a major non-profit research university with a mission focused on education and research in science, engineering and technology. ClearPath, Inc. is a research organization focused on advancing limited government policies that accelerate... (see addendum)

MIT has hosted similar seminars on a wide range of public policy issues related to science and technology for over 20 years. ClearPath, Inc. has a history of sponsoring congressional travel on energy-related topics

15. Briefly describe the educational activities performed by each sponsor (other than sponsoring congressional trips):

MIT, as noted above, is a major non-profit research university with a mission focused on education and

research in science, engineering & technology and a corresponding history of public service in these fields.

ClearPath, Inc., as noted, is a 501(c)(3) nonprofit foundation that regularly provides... (see addendum)

16. Total Expenses for Each Participant:

|   | Transportation Expenses  | Lodging Expenses                                      | Meal Expenses  | Other Expenses |
|---|--|---|--|----------------|
| <input checked="" type="checkbox"/> Good Faith estimate | \$361.10 (airfare)<br>\$100 (ground transportation)<br>Total: \$461.10 | \$273 per night + taxes<br>Total: 2 nights = \$624.90 | \$71.75 (Wed)<br>\$102 (Thurs.)<br>\$29.50 (Friday)<br>Total: \$200.50 | none           |
| <input type="checkbox"/> Actual Amounts                 |  |   |  |                |

17. State whether a) the trip involves an event that is arranged or organized *without regard* to congressional participation or b) the trip involves an event that is arranged or organized *specifically with regard* to congressional participation:

The trip involves an event that is arranged or organized specifically with regard to congressional participation.

18. Reason for selecting the location of the event or trip

The seminar is being held on the MIT campus in Cambridge, MA to enable the extensive participation of MIT faculty & regionally-based experts as well as use of MIT's facilities.

19. Name and location of hotel or other lodging facility:

Residence Inn Boston Cambridge, 120 Braodway, Cambridge, MA 02142

20. Reason(s) for selecting hotel or other lodging facility:

The hotel is only a 6-7 minute walk to the MIT campus; it offered proximity, room availabilty and the best, most competitive price for the area which also meets the government hotel per diem rate.

21. Describe how the daily expenses for lodging, meals, and other expenses provided to trip participants compares to the maximum per diem rates for official Federal Government travel:

Lodging expenses at the Residence Inn Cambridge are at the government per diem rate. Food expenses are just below the per diem rate.

22. Describe the type and class of transportation being provided. Indicate whether coach, business-class or first class transportation will be provided. If first-class fare is being provided, please explain why first-class travel is necessary:

**Roundtrip, coach class flight on commercial, regularly scheduled American Airlines shuttles between**

**Washington, DC and Boston, MA. An MIT bus will take participants to/from MIT & Boston Logan Airport.**

23. ☒ I represent that the travel expenses that will be paid for or reimbursed to Senate invitees do not include expenditures for recreational activities, alcohol, or entertainment (other than entertainment provided to all attendees as an integral part of the event, as permissible under Senate Rule 35).

24. List any entertainment that will be provided to, paid for, or reimbursed to Senate invitees and explain why the entertainment is an integral part of the event:

None.

25. I hereby *certify* that the information contained herein is true, complete and correct. (For trips involving more than one sponsor, you *must* include a completed signature page for each additional sponsor):

**Signature of Travel Sponsor:**

**Name and Title:** Kerry Emanuel, Professor of Atmospheric Science

Name of Organization: **Massachusetts Institute of Technology**

Address: 77 Massachusetts Avenue, Building 54-1814, Cambridge, Mass. 02139

**Telephone Number:** 617-253-2462

**Fax Number:** 617-324-2055

E-mail Address: [emanuel@mit.edu](mailto:emanuel@mit.edu)



*(to be completed by each additional sponsor)*

### Place of Travel

**Signature of Travel Sponsor:**

**Name and Title:**

**Name of Organization:**

**Address:**

**Telephone Number:****Fax Number:**

**E-mail Address:**

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## ADDENDUM

**Private Sponsor Travel Certification Form for  
MIT Energy Seminar, April 24-26, 2019  
Co-sponsored by ClearPath, Inc.**

**Question 13: ClearPath, Inc. is a research organization focused on advancing limited government policies that accelerate clean energy innovation and deployment. This trip relates to these missions by highlighting state of the art technologies needed to meet long-term energy and environmental needs.**

**Question 15: ClearPath, Inc., as noted, is a 501(c)(3) nonprofit foundation that regularly provides speakers and experts as panelists and speakers for public forums and briefings on energy, nuclear energy, carbon capture, R&D, US competitiveness, and other topics.**

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Massachusetts Institute of Technology

Senior Congressional Staff Seminar

**“Energy Options and Economic Opportunities for Decarbonization”**

April 24-26, 2019

**AGENDA**

*All sessions to be held in the Bush Room (10-105) unless otherwise stated*

**Wednesday, April 24 – Day 1**

9:30 – 11:00 AM American Airlines flight from DC Reagan Airport to Boston Logan Airport

11:45 – 12:30 PM Drop bags at Cambridge Residence Inn. Bus to MIT Campus/Registration

12:30 – 2:15 PM **Welcome and Luncheon with Keynote:**  
**Artificial Intelligence and Machine Learning: What’s New and What Are the Implications for the Power Sector?**

**Kerry Emanuel**, Cecil and Ida Green Professor of Atmospheric Science

**Robert Armstrong**, Chevron Professor of Chemical Engineering and  
Director of the MIT Energy Initiative

**Aude Oliva**, Principal Research Scientist, Computer Science & Artificial  
Intelligence Lab

**Saurabh Amin**, Associate Professor, Department of Civil and Environmental  
Engineering

Dr. Emanuel will give a welcome address to the group and lay out the agenda for the workshop. Dr. Armstrong will introduce the keynote lecturers. Dr. Oliva will present the MIT Quest for Intelligence initiative and discuss research on artificial intelligence and machine learning. Dr. Amin will discuss how such research can be used to support the resilience of the power sector.

2:15 – 2:30 PM Break

2:30 – 4:00 PM **Climate Risks**

**Kerry Emanuel**, Cecil and Ida Green Professor of Atmospheric Science

Dr. Emanuel will provide an overview of the history of climate science, the current state of knowledge, and how current challenges can be framed in terms of risk.

4:00 – 5:30 PM **Advances in Nuclear Energy**

**Dennis Whyte**, Hitachi America Professor and Head of the Department of  
Nuclear Science and Engineering

**Jacopo Buongiorno**, TEPCO Professor and Associate Department Head of  
Nuclear Science and Engineering

Dr. Whyte and Dr. Buongiorno will describe recent MIT research on the future of nuclear energy in a carbon constrained world as well as potential advances in both nuclear and fusion energy technologies.

7:00 PM **Informal dinner with MIT faculty and students**

*Cambridge Residence Inn by Marriott*

Working event for seminar participants to engage with MIT professors, panel participants, and graduate students.

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**7:30 – 8:45 AM Continental breakfast at hotel/Walk to the Bush Room, MIT Campus**

## Welcoming Remarks

## President for Research

## Carbon Capture and Sequestration Technologies

## Coffee Break

## U.S. Opportunities for Renewables

**Luncheon, with brief remarks by a representative from ClearPath, Inc.**

### Lab Tours:

**Dr. Angela Belcher will take participants on a tour of her lab and give an overview of the research above.**

5:00 – 5:20 PM Return to Cambridge Residence Inn. Rest/Free time

6:30 PM: Assemble in the lobby of Cambridge Residence Inn. Walk to MIT Samberg Center.

7:00 PM Arrive Samberg Center, Dining Room 2

7:15 PM **Dinner with Keynote Speaker**, Samberg Center, Salon M  
**Speaker: David Danielson**, Breakthrough Energy Ventures  
 Dr. Danielson will present on the work of Breakthrough Energy Ventures, which works to link cutting-edge, government-funded research to patient, risk-tolerant capital so that more clean energy innovations get to market faster.

**Friday, April 26 – Day 3**

7:30 – 8:45 AM **Continental breakfast at hotel/check out.** *(Bags can be left at the hotel)*  
**Walk to The Bush Room, MIT Campus**

9:00 – 10:30 AM **Electricity System and Energy Efficiency**  
**Christopher R. Knittel**, (moderator), George P. Shultz Professor of Applied Economics, MIT Sloan School of Management.  
**Marija Ilic**, Senior Research Scientist, Laboratory for Information & Decision Systems  
**Christoph Reinhart**, Professor and Director, Building Technology Program, MIT School of Architecture  
**Steven Leeb**, Professor & MacVicar Faculty Fellow, Electrical Engineering & Computer Science, and Mechanical Engineering  
 Dr. Knittel will moderate a panel discussion covering the economics and technical aspects of energy systems and the how energy efficiency impacts the overall system.

10:30 – 10:45 AM **Coffee Break**

10:45 – 12:15 PM **International Economic Opportunities and National Security**  
**Henry (Jake) Jacoby**, William F. Pounds Professor Emeritus of Management, Sloan School of Management  
 Dr. Jacoby will discuss the risks and opportunities, for global business and national security, of the emerging energy transition, and explore policies that could enhance the U.S. position.

12:15 – 2:15 PM **Box Lunch with discussion & demonstration of En-Roads Climate Model**  
**John Sterman**, Jay Forrester Professor of Management, Director of System Dynamics, Sloan School of Management; **Andrew (Drew) Jones**, Founder and Co-Director of Climate Interactive  
 Dr. Sterman and Mr. Jones will demonstrate an interactive simulation tool that shows the impacts of various decarbonization policies on climate change.

2:15 - 2:45 PM: **Return to hotel to collect bags. Travel to Boston Logan Airport**

4:00 – 5:30 PM **Flight from Boston to DC.**



| Prefix | First Name  | Last Name  | Suffix Title                         | Organization Name (Primary)           |
|--------|-------------|------------|--------------------------------------|---------------------------------------|
|        | Alexis      | Aafedt     | Legislative Assistant                | Office of Senator John Hoeven         |
|        | Steven      | Abbott     | Chief of Staff                       | Office of Senator Susan M. Collins    |
|        | Jon         | Adame      | General Counsel                      | Office of Senator Marsha W. Blackburn |
|        | Charles     | Adams      | Legislative Director                 | Office of Senator James E. Risch      |
|        | Michelle    | Altman     | Chief of Staff                       | Office of Senator James Lankford      |
|        | Ron         | Anderson   | Senior Appropriations Policy Advisor | Office of Senator Bill Cassidy        |
|        | Erica       | Andeweg    | Legislative Assistant                | Office of Senator Deb Fischer         |
|        | Kevin       | Arkoosh    | Legislative Assistant                | Office of Senator James E. Risch      |
|        | Laura       | Atcheson   | Legislative Assistant                | Office of Senator John Cornyn         |
|        | Daniel      | Auger      | Legislative Director                 | Office of Senator John Hoeven         |
|        | Phillip     | Austin     | Legislative Assistant                | Office of Senator Pat Roberts         |
|        | Katie       | Bailey     | Legislative Director                 | Office of Senator Mike Braun          |
|        | Christopher | Barkley    | Chief of Staff for Policy            | Office of Senator Mitt Romney         |
|        | Kate        | Barlow     | Legislative Assistant                | Office of Senator Mike Enzi           |
|        | Kelsey      | Baron      | Legislative Assistant                | Office of Senator James Lankford      |
|        | Will        | Baston     | Legislative Assistant                | Office of Senator Ted Cruz            |
|        | Alyson      | Bell       | Chief of Staff                       | Office of Senator Mike Lee            |
|        | Kelsey      | Berg       | Deputy Chief of Staff                | Office of Senator Mitt Romney         |
|        | Nathan      | Bergerbest | Deputy Chief of Staff                | Office of Senator Lisa Murkowski      |
|        | Ben         | Bergstrom  | Legislative Assistant                | Office of Senator Kevin J. Cramer     |
|        | Evann       | Berry      | Legislative Assistant                | Office of Senator Cindy Hyde-Smith    |
|        | Michael     | Black      | Legislative Assistant                | Office of Senator Johnny Isakson      |
|        | Cassie      | Bladow     | Chief of Staff                       | Office of Senator John Hoeven         |
|        | Tony        | Blando     | Chief of Staff                       | Office of Senator Ron Johnson         |
|        | Brent       | Blevins    | Legislative Assistant                | Office of Senator John Cornyn         |
|        | Bill        | Bode       | Legislative Assistant                | Office of Senator Thom Tillis         |
|        | Charles     | Bolton     | Legislative Assistant                | Office of Senator Rob Portman         |
|        | Paul        | Bonicelli  | Senior Policy Advisor                | Office of Senator Rick Scott          |
|        | Garrett     | Boyle      | Legislative Director                 | Office of Senator Lisa Murkowski      |
|        | Daniel      | Brandt     | Chief of Staff                       | Office of Senator Pat Toomey          |

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|           |            |   |  |
|-----------|------------|---|--|
| Elena     | Brennan    | Legislative Assistant                   | Office of Senator Marsha W. Blackburn  |
| Wesley    | Brooks     | Legislative Assistant                   | Office of Senator Marco Rubio          |
| Corey     | Brown      | Legislative Assistant                   | Office of Senator Thom Tillis          |
| Joe       | Brown      | Legislative Assistant                   | Office of Senator John Boozman         |
| Joel      | Brubaker   | Chief of Staff                          | Office of Senator Shelley Moore Capito |
| Ace       | Burch      | Legislative Assistant                   | Office of Senator Lamar Alexander      |
| Katelyn   | Bunning    | Legislative Director                    | Office of Senator Mitch McConnell      |
| James     | Burchfield | Professional Staff Member               | Committee on Small Business            |
| Daniel    | Burgess    | Legislative Director                    | Office of Senator Roy Blunt            |
| Mackensie | Burt       | Legislative Director                    | Office of Senator John Boozman         |
| Larry     | Burton     | Chief of Staff                          | Office of Senator Dan Sullivan         |
| John      | Campbell   | Deputy Chief of Staff                   | Office of Senator Cindy Hyde-Smith     |
| Chloe     | Cantor     | Legislative Assistant                   | Office of Senator Roger F. Wicker      |
| Craig     | Carbone    | Deputy Chief of Staff                   | Office of Senator Rick Scott           |
| Tim       | Carlton    | Policy Advisor                          | Office of Senator Bill Cassidy         |
| Baxter    | Carr       | Legislative Assistant                   | Office of Senator Shelley Moore Capito |
| Joan      | Carr       | Chief of Staff                          | Office of Senator Johnny Isakson       |
| Charles   | Carroll    | Legislative Assistant                   | Office of Senator Mike Enzi            |
| Quinton   | Carroll    | Legislative Assistant                   | Office of Senator Dan Sullivan         |
| Bethany   | Carter     | Legislative Assistant                   | Office of Senator Mike Crapo           |
| Josh      | Carter     | Legislative Assistant                   | Office of Senator John Hoeven          |
| Micah     | Chambers   | Senior Legislative Assistant            | Office of Senator Kevin J. Cramer      |
| Steve     | Chartan    | Deputy Chief of Staff and Legislative C | Office of Senator Ted Cruz             |
| Hyder     | Chowdhry   | Legislative Assistant                   | Office of Senator Joni K. Ernst        |
| David     | Cleary     | Chief of Staff                          | Office of Senator Lamar Alexander      |
| Charles   | Cogar      | Legislative Director                    | Office of Senator Tim Scott            |
| Brian     | Colas      | Deputy Chief of Staff                   | Office of Senator Tom Cotton           |
| Travis    | Cone       | Senior Energy Advisor                   | Office of Senator Shelley Moore Capito |
| John      | Connell    | Chief of Staff                          | Office of Senator Todd Young           |
| Michael   | Connolly   | Deputy Chief of Staff                   | Office of Senator Mike Lee             |
| Sam       | Cooper     | Deputy Chief of Staff                   | Office of Senator Ted Cruz             |

| Prefix | First Name  | Last Name  | Suffix Title                         | Organization Name (Primary)           |
|--------|-------------|------------|--------------------------------------|---------------------------------------|
|        | Alexis      | Aafedt     | Legislative Assistant                | Office of Senator John Hoeven         |
|        | Steven      | Abbott     | Chief of Staff                       | Office of Senator Susan M. Collins    |
|        | Jon         | Adame      | General Counsel                      | Office of Senator Marsha W. Blackburn |
|        | Charles     | Adams      | Legislative Director                 | Office of Senator James E. Risch      |
|        | Michelle    | Altman     | Chief of Staff                       | Office of Senator James Lankford      |
|        | Ron         | Anderson   | Senior Appropriations Policy Advisor | Office of Senator Bill Cassidy        |
|        | Erica       | Andeweg    | Legislative Assistant                | Office of Senator Deb Fischer         |
|        | Kevin       | Arkoosh    | Legislative Assistant                | Office of Senator James E. Risch      |
|        | Laura       | Atcheson   | Legislative Assistant                | Office of Senator John Cornyn         |
|        | Daniel      | Auger      | Legislative Director                 | Office of Senator John Hoeven         |
|        | Philip      | Austin     | Legislative Assistant                | Office of Senator Pat Roberts         |
|        | Katie       | Bailey     | Legislative Director                 | Office of Senator Mike Braun          |
|        | Christopher | Barkley    | Chief of Staff for Policy            | Office of Senator Mitt Romney         |
|        | Kate        | Barlow     | Legislative Assistant                | Office of Senator Mike Enzi           |
|        | Kelsey      | Baron      | Legislative Assistant                | Office of Senator James Lankford      |
|        | Will        | Baston     | Legislative Assistant                | Office of Senator Ted Cruz            |
|        | Allyson     | Bell       | Chief of Staff                       | Office of Senator Mike Lee            |
|        | Kelsey      | Berg       | Deputy Chief of Staff                | Office of Senator Mitt Romney         |
|        | Nathan      | Bergerbest | Deputy Chief of Staff                | Office of Senator Lisa Murkowski      |
|        | Ben         | Bergstrom  | Legislative Assistant                | Office of Senator Kevin J. Cramer     |
|        | Evann       | Berry      | Legislative Assistant                | Office of Senator Cindy Hyde-Smith    |
|        | Michael     | Black      | Legislative Assistant                | Office of Senator Johnny Isakson      |
|        | Cassie      | Bladow     | Chief of Staff                       | Office of Senator John Hoeven         |
| LTC    | Tony        | Blando     | Chief of Staff                       | Office of Senator Ron Johnson         |
|        | Brent       | Blevins    | Legislative Assistant                | Office of Senator John Cornyn         |
|        | Bill        | Bode       | Legislative Assistant                | Office of Senator Thom Tillis         |
|        | Charles     | Bolton     | Legislative Assistant                | Office of Senator Rob Portman         |
|        | Paul        | Bonicelli  | Senior Policy Advisor                | Office of Senator Rick Scott          |
|        | Garrett     | Boyle      | Legislative Director                 | Office of Senator Lisa Murkowski      |
|        | Daniel      | Brandt     | III<br>Chief of Staff                | Office of Senator Pat Toomey          |

|             |             |                                  |  |
|-------------|-------------|----------------------------------|--|
| Allison     | Feikes      | Legislative Assistant            | Office of Senator Mike Braun           |
| Charles     | Flint       | Chief of Staff                   | Office of Senator Marsha W. Blackburn  |
| Victoria    | Flood       | Legislative Assistant            | Office of Senator Shelley Moore Capito |
| Andrew      | Forbes      | Legislative Director             | Office of Senator James M. Inhofe      |
| Steven      | Foster      | Legislative Assistant            | Office of Senator Steve Daines         |
| Carol       | Fowler      | Legislative Assistant            | Office of Senator Ron Johnson          |
| Kelsey      | Foy         | Legislative Assistant            | Office of Senator Cory Gardner         |
| Lindsay     | Garcia      | Legislative Director             | Office of Senator Lamar Alexander      |
| Daniel      | Gerig       | Legislative Assistant            | Office of Senator Steve Daines         |
| Christopher | Gillott     | Deputy Chief of Staff for Policy | Office of Senator Bill Cassidy         |
| Ben         | Gilman      | Legislative Assistant            | Office of Senator Lisa Murkowski       |
| Kaitlynn    | Glover      | Legislative Assistant            | Office of Senator John A. Barrasso     |
| Lisa        | Goeas       | Chief of Staff                   | Office of Senator Joni K. Ernst        |
| Seth        | Gold        | Legislative Assistant            | Office of Senator Rob Portman          |
| Bradley     | Grantz      | Legislative Director             | Office of Senator Pat Toomey           |
| G.          | Griffin     | Legislative Assistant            | Office of Senator Mike Braun           |
| Mark        | Gruman      | Chief of Staff                   | Office of Senator Kevin J. Cramer      |
| Joseph      | Hack        | Chief of Staff                   | Office of Senator Deb Fischer          |
| Amanda      | Hall        | Legislative Assistant            | Office of Senator James M. Inhofe      |
| Alex        | Hanson      | Legislative Assistant            | Office of Senator Tom Cotton           |
| Tyler       | Hardy       | Legislative Assistant            | Office of Senator John Hoeven          |
| Molly       | Harper      | Deputy Chief of Staff            | Office of Senator Mike Braun           |
| Shafron     | Hawkins     | Legislative Assistant            | Office of Senator Tim Scott            |
| Adam        | Hechavarria | Legislative Director             | Office of Senator Todd Young           |
| Jessica     | Helmers     | General Counsel                  | Office of Senator Todd Young           |
| William     | Henderson   | Chief of Staff                   | Office of Senator Rand Paul            |
| Natasha     | Hickman     | Chief of Staff                   | Office of Senator Richard Burr         |
| Toni-Marie  | Higgins     | Chief of Staff                   | Office of Senator John Boozman         |
| Daniel      | Hillenbrand | Legislative Assistant            | Office of Senator James M. Inhofe      |
| Jacob       | Hinch       | Legislative Assistant            | Office of Senator James M. Inhofe      |
| Luke        | Holland     | Chief of Staff                   | Office of Senator James M. Inhofe      |



|                  |              |                       |                                       |
|------------------|--------------|-----------------------|---------------------------------------|
| Jonathan Preston | Coppage Cory | Legislative Assistant | Office of Senator Mike Lee            |
| Harrison         | Costello     | Legislative Assistant | Office of Senator John Hoeven         |
| Jacqueline       | Cottrell     | Chief of Staff        | Office of Senator John Thune          |
| Doug             | Coutts       | Chief of Staff        | Office of Senator Pat Roberts         |
| Liesel           | Crocker      | Legislative Assistant | Office of Senator Tom Cotton          |
| John             | Crowther     | Senior Counsel        | Office of Senator Chuck Grassley      |
| Aaron            | Cummings     | Chief of Staff        | Senate Energy & Natural Resources Com |
| Suzanne          | Cunningham   | Senior Policy Advisor | Office of Senator Chuck Grassley      |
| Dayne            | Cutrell      | Chief of Staff        | Committee on Energy & Natural Resourc |
| Doug             | Davis        | Legislative Assistant | Office of Senator Richard C. Shelby   |
| Jennifer         | DeCasper     | Chief of Staff        | Office of Senator Cindy Hyde-Smith    |
| Garnett          | Decosimo     | Legislative Assistant | Office of Senator Tim Scott           |
| Christine        | Diaz         | Senior Policy Advisor | Office of Senator Mike Enzi           |
| Derrick          | Dickey       | Chief of Staff        | Office of Senator Rick Scott          |
| Kayla            | Dolan        | Policy Advisor        | Office of Senator David A. Perdue     |
| Kellie           | Donnelly     | Chief Counsel         | Office of Senator Bill Cassidy        |
| David            | Dudik        | Deputy Chief of Staff | Committee on Energy & Natural Resourc |
| Jim              | Durrett      | Deputy Chief of Staff | Office of Senator Marsha W. Blackburn |
| Douglas          | Dziak        | Legislative Director  | Office of Senator Todd Young          |
| Andrew           | Earl         | Legislative Assistant | Office of Senator Mike Enzi           |
| Jay              | Eberle       | Legislative Assistant | Office of Senator Mike Crapo          |
| Erik             | Elam         | Legislative Director  | Office of Senator John A. Barrasso    |
| Samantha         | Elleson      | Legislative Assistant | Office of Senator Dan Sullivan        |
| Brita            | Endrud       | Legislative Assistant | Office of Senator Roger F. Wicker     |
| Robyn            | Engibous     | Deputy Chief of Staff | Office of Senator John Hoeven         |
| Michael          | Essington    | General Counsel       | Office of Senator Dan Sullivan        |
| Ryan             | Evans        | Legislative Assistant | Office of Senator Todd Young          |
| Michael          | Farr         | Legislative Assistant | Office of Senator Johnny Isakson      |
| Chris            | Farrar       | Legislative Assistant | Office of Senator Joni K. Ernst       |
| Adam             | Farris       | Legislative Assistant | Office of Senator John Boozman        |
|                  |              |                       | Office of Senator James Lankford      |

|            |            |   |                                       |
|------------|------------|---|---------------------------------------|
| Sam        | Love       | Legislative Assistant                   | Office of Senator Cory Gardner        |
| Joshua     | MacGregor  | Legislative Assistant                   | Office of Senator Josh Hawley         |
| Valerie    | Manak      | Legislative Assistant                   | Office of Senator James Lankford      |
| John       | Maniscalco | Policy Advisor                          | Office of Senator Rand Paul           |
| Nancy      | Martinez   | Legislative Assistant                   | Office of Senator Todd Young          |
| Bart       | Massey     | Legislative Assistant                   | Office of Senator Mike Enzi           |
| Jessica    | McBride    | Deputy Chief of Staff/Legislative Direc | Office of Senator John Thune          |
| Stacy      | McBride    | Chief of Staff                          | Office of Senator Roy Blunt           |
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| John       | McDonald   | Senior Legislative Assistant            | Office of Senator Richard Burr        |
| Malcolm    | McGeary    | Legislative Assistant                   | Office of Senator Ron Wyden           |
| Trey       | McKenzie   | Legislative Assistant                   | Office of Senator Roy Blunt           |
| Kelley     | McLean     | Legislative Assistant                   | Office of Senator James Lankford      |
| Sean       | McLean     | Legislative Director                    | Office of Senator Ted Cruz            |
| Neal       | McMillin   | Legislative Assistant                   | Office of Senator Roger F. Wicker     |
| Matthew    | McMullan   | Legislative Director                    | Office of Senator Martha McSally      |
| Kayla      | McMurry    | Legislative Assistant                   | Office of Senator Susan M. Collins    |
| Jena       | McNeill    | Legislative Director                    | Office of Senator Joni K. Ernst       |
| Corey      | Messervy   | Deputy Chief of Staff                   | Office of Senator Josh Hawley         |
| Brianne    | Miller     | Snr. Professional Staff/Energy Policy E | Committee on Energy & Natural Resourc |
| Mary       | Moody      | Legislative Assistant                   | Office of Senator Bill Cassidy        |
| Sam        | Mulopulos  | Legislative Assistant                   | Office of Senator Rob Portman         |
| Robert     | Murray     | Legislative Director                    | Office of Senator Roger F. Wicker     |
| Amy        | Nabozny    | Legislative Assistant                   | Office of Senator Mitch McConnell     |
| Michael    | Needham    | Chief of Staff                          | Office of Senator Marco Rubio         |
| Ryan       | Nelson     | Legislative Assistant                   | Office of Senator Kevin J. Cramer     |
| Alessandra | Nepola     | Legislative Assistant                   | Office of Senator Mitch McConnell     |
| Jason      | Nerland    | Legislative Assistant                   | Office of Senator Mike Rounds         |
| Ayla       | Neumeyer   | Legislative Assistant                   | Office of Senator James E. Risch      |
| Stephen    | Newton     | Legislative Assistant                   | Office of Senator Mitt Romney         |
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| Brian     | Hughes     | Staff Director                         | Committee on Energy & Natural Resources |
| Mark      | Isakowitz  | Chief of Staff                         | Office of Senator Rob Portman           |
| Beth      | Jafari     | Chief of Staff                         | Office of Senator John Cornyn           |
| Danielle  | Janowski   | Legislative Assistant                  | Office of Senator John Thune            |
| Erin      | Jarnagin   | Legislative Assistant                  | Office of Senator John A. Barrasso      |
| Brennan   | Johnson    | Legislative Assistant                  | Office of Senator Richard C. Shelby     |
| Mark      | Johnston   | Chief of Staff                         | Office of Senator Mike Rounds           |
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| Allison   | Kapsner    | Deputy Chief of Staff                  | Office of Senator Bill Cassidy          |
| Joshua    | Kelley     | Chief of Staff                         | Office of Senator Mike Braun            |
| Trey      | Kilpatrick | Deputy Chief of Staff                  | Office of Senator Johnny Isakson        |
| Kevin     | Kincheloe  | Senior Policy Advisor                  | Office of Senator James Lankford        |
| Joseph    | Kristol    | Legislative Director                   | Office of Senator Tom Cotton            |
| Dan       | Kunsmann   | Staff Director                         | Senate Republican Conference            |
| Sherry    | Kuntz      | Legislative Assistant                  | Office of Senator Chuck Grassley        |
| Olivia    | Kurtz      | Legislative Director                   | Office of Senator Susan M. Collins      |
| Jeffrey   | Last       | Legislative Assistant                  | Office of Senator John Cornyn           |
| Emily     | Lavery     | Deputy Legislative Assistant           | Office of Senator Tim Scott             |
| Samantha  | Leahy      | Legislative Assistant                  | Office of Senator Ted Cruz              |
| Ryan      | Leavitt    | Legislative Director                   | Office of Senator Josh Hawley           |
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| Emily     | Leviner    | Legislative Director and Chief Counsel | Office of Senator Deb Fischer           |
| Jaymi     | Light      | Legislative Assistant                  | Office of Senator Todd Young            |
| Amanda    | Lincoln    | Legislative Assistant                  | Office of Senator Mike Enzi             |
| Edward    | Linczer    | Legislative Assistant                  | Office of Senator Tom Cotton            |
| Lindsay   | Linhares   | Senior Policy Advisor                  | Office of Senator Cindy Hyde-Smith      |
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| Ann       | Robertson  | Legislative Assistant                   | Office of Senator Lisa Murkowski     |
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| Justin    | Roth       | Chief of Staff                          | Office of Senator Martha McSally     |
| Andrew    | Rothe      | Senior Legislative Assistant            | Office of Senator Mike Rounds        |
| Colin     | St. Maxens | Legislative Assistant                   | Office of Senator Mike Crapo         |
| Christina | Salazar    | Legislative Assistant                   | Office of Senator Marco Rubio        |
| Adam      | Salmon     | Legislative Assistant                   | Office of Senator Rand Paul          |
| Claire    | Sanderson  | Legislative Assistant                   | Office of Senator John Cornyn        |
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| Joshua    | Sizemore   | Legislative Assistant                   | Office of Senator Steve Daines       |
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| Jared     | Soncrant   | Legislative Assistant                   | Office of Senator Gardner            |
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| Will      | Stafford   | Legislative Assistant                   | Office of Senator Pat Roberts        |
| Justin    | Stebbins   | Legislative Assistant                   | Office of Senator Ron Johnson        |
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| John      | Steitz     | Legislative Director                    | Office of Senator John Neely Kennedy |
| Bryn      | Stewart    | Legislative Director                    | Office of Senator John A. Barrasso   |
| David     | Stokes     | Deputy Chief of Staff and Policy Direct | Office of Senator John Neely Kennedy |
| Jimmy     | Stringer   | Senior Policy Advisor                   | Office of Senator Cindy Hyde-Smith   |



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| Robert   | Ordway     | Legislative Assistant                 | Office of Senator Mike Braun           |
| Lauren   | Orndorff   | Legislative Assistant                 | Office of Senator Jerry Moran          |
| Caleb    | Orr        | Legislative Assistant                 | Office of Senator Marco Rubio          |
| Jack     | Overstreet | Legislative Assistant                 | Office of Senator Johnny Isakson       |
| Tyler    | Owens      | Clerk                                 | Subcommittee on Energy and Water Dev   |
| Douglas  | Pack       | Legislative Assistant                 | Office of Senator Steve Daines         |
| Sherri   | Pan        | Deputy Legislative Assistant          | Office of Senator Tim Scott            |
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| Will     | Patterson  | Legislative Assistant                 | Office of Senator Lamar Alexander      |
| Jessica  | Pavel      | Legislative Assistant                 | Office of Senator Mitt Romney          |
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| Sarah    | Pearce     | Legislative Assistant                 | Office of Senator Rob Portman          |
| Logan    | Penfield   | Legislative Assistant                 | Office of Senator Mike Rounds          |
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| Kyle     | Plotkin    | Chief of Staff                        | Office of Senator Josh Hawley          |
| Victoria | Pryor      | Policy Advisor                        | Office of Senator David A. Perdue      |
| James    | Quinn      | Chief of Staff                        | Office of Senator Bill Cassidy         |
| Lauren   | Reamy      | Legislative Director                  | Office of Senator Marco Rubio          |
| Jacob    | Reses      | Senior Policy Advisor                 | Office of Senator Josh Hawley          |
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| James    | Rice       | Legislative Director                  | Office of Senator Chuck Grassley       |
| Michelle | Richardson | Chief of Staff                        | Office of Senator Roger F. Wicker      |
| Dana     | Richter    | Legislative Assistant                 | Office of Senator Shelley Moore Capito |
| Gregg    | Rickman    | Legislative Director                  | Office of Senator Mike Rounds          |
| Natalia  | Riggin     | Legislative Assistant                 | Office of Senator John Neely Kennedy   |
| Sean     | Riley      | Legislative Director                  | Office of Senator Ron Johnson          |
| Matthew  | Rimkunas   | Legislative Director                  | Office of Senator Lindsey Graham       |

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| Christy<br>Andrew<br>Charles | Woodruff<br>Zach<br>Ziegler | IV | Legislative Director<br>Professional Staff Member<br>Legislative Assistant | Office of Senator Mike Lee<br>Committee on Environment & Public Wo<br>Office of Senator John A. Barrasso |
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| Daniel   | Sullivan  | Counsel/Legislative Assistant           | Office of Senator Pat Toomey           |
| Jay      | Sulzmann  | Legislative Director                    | Office of Senator Johnny Isakson       |
| Curtis   | Swager    | Chief of Staff                          | Office of Senator Cory Gardner         |
| Stephen  | Tausend   | Legislative Director                    | Office of Senator John Cornyn          |
| Courtney | Temple    | Legislative Director                    | Office of Senator Thom Tillis          |
| Andrew   | Terp      | Legislative Assistant                   | Office of Senator Todd Young           |
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| Christen | Thompson  | Deputy Chief of Staff                   | Office of Senator Mike Enzi            |
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| Adam     | Tomlinson | Legislative Director                    | Office of Senator Shelley Moore Capito |
| Michelle | Toohey    | Senior Writer & Advisor                 | Committee on Energy & Natural Resourc  |
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| Andrew   | Williams  | Legislative Assistant                   | Office of Senator Mike Enzi            |
| Tim      | Wolverton | Legislative Director                    | Office of Senator Cindy Hyde-Smith     |